FIG. 1

FIG.2A

CLIENT ~10

SERVER ~12

S1~ FORM FILE

S2~ DESIGNATE PUBLIC FILE AND TRANSMIT

S3~ EXECUTE DIAL-UP UNLESS LAN CONNECTION

S4~ REQUEST SERVER TO OBTAIN FTP INFORMATION

S5~ TRANSMIT USER ID AND PASSWORD

CONFIRM ID AND PASSWORD ~S101

SEARCH INFORMATION ASSOCIATED WITH ID ~S102

FIG. 2B

ESTABLISH HOMEPAGE
(IF HOMEPAGE IS
NOT ESTABLISHED)
AUTOMATICALLY FORM
FOLDER NAME
· USE MAIL ADDRESS
· USE ACCOUNT NAME
· FOLDER NAME WHICH
DOES NOT OVERLAP
~S103

TRANSMIT
USER INFORMATION
~S104

STORE FILE INTO SERVER
AND COMPLETE
PUBLICIZING PREPARATION
~S105

S6~ RECEIVE INFORMATION AND
OBTAIN FTP CONNECTION
INFORMATION

S7~ FTP CONNECTING
OPERATION

S8~ PUBLIC PAGE CAN BE
REFERRED TO

FIG.3A

FILE PUBLICATION

FILE WILL BE PUBLICIZED ON SERVER.

PLEASE DESIGNATE PUBLIC FILE AND PRESS [SEND] BUTTON.

PUBLIC FILE (F) : | C:¥My Documents¥aaa.html | REFERENCE

SEND   CANCEL

40

42

44

DIAL-UP CONNECTION

DIAL-UP CONNECTION WILL BE PERFORMED.

PLEASE INPUT CONNECTION DESTINATION, USER NAME,
AND PASSWORD.

CONNECTION DESTINATION (N) : | aaa ▶ |

USER NAME (U) : | abc123456 |

PASSWORD (P) : | ******** |

46

48

50

52

FIG. 3B

☐ STORE PASSWORD (S)

54〜 OK   CANCEL

56

FILE PUBLICATION

FILE IS BEING PUBLICIZED.
DURING CONNECTION......

58

FILE PUBLICATION

FILE HAS BEEN PUBLICIZED. IT CAN BE REFERRED TO BY
THE FOLLOWING URL.
http://www.aaa.com/abc123456/aaa:html

60〜 OK

FIG.4A

PROPERTY OF FTP

SETTING OF CONNECTION SETTING OF FTP

FTP SERVER IS SET.

62

◎ SUBSCRIBER OF @nifty (N)

SUBSCRIBER OF @nifty SHOULD APPLY FOR @homepage BY
THE HOMEPAGE OF @nifty, THEN PRESS [AUTO GET] BUTTON.

64
AUTO GET (H)

○ SUBSCRIBER OF OTHER PROVIDER (P)

SUBSCRIBER OF OTHER PROVIDER SHOULD PRESS
[DETAILS SET] BUTTON, THEN SET DETAILED INFORMATION
OF FTP SERVER.

66
DETAILS SET (D)

OK   CANCEL

F I G. 4B

FTP DETAILS

70

FTP SERVER NAME (S) :　　　　　　　　　　～72

FTP ACCOUNT (A) :　　　　　　　　　　～74

FTP PASSWORD (P) :　　　　　　　　　　～76

HOMEPAGE URL (U) :　　　　　　　　　　～78

HOMEPAGE FOLDER (F) :　　　　　　　　　～80

PATH OF PERL (D) :　　　　　　　　　　～82

SELF-CREATION CGIURL (C) :　　　　　～84

SELF-CREATION CGI FOLDER (G) :　　～86

CLOSE

FIG.4C

88

@FTP

REGISTRATION INFORMATION OF @homepage WILL BE OBTAINED VIA THE INTERNET.

TO OBTAIN THE INFORMATION, IT NEEDS TO BE REGISTERED IN @homepage.

89〜 OK   CANCEL

90

@homepage

INFORMATION OF @homepage WILL BE OBTAINED.

UNDER CONNECTION TO SERVER OF @nifty.

92

@FTP

INFORMATION OF @homepage HAS BEEN OBTAINED.

BY CLICKING [DETAILS SET] BUTTON, OBTAINED INFORMATION CAN BE REFERRED TO.

94〜 OK

FIG. 4D

96

FTP DETAILS

FTP SERVER NAME (S) : | ftp.aaa.com | ～72

FTP ACCOUNT (A) : | abc123456 | ～74

FTP PASSWORD (P) : | ******* | ～76

HOMEPAGE URL (U) : | http://www.aaa.com/abc123456/ | ～78

HOMEPAGE FOLDER (F) : | public | ～80

PATH OF PERL (D) : | /usr/bin/perl | ～82

SELF-CREATION CGIURL (C) : | http://www.aaa.com/abc123456/cgi-bin/ | ～84

SELF-CREATION CGI FOLDER (G) : | cgi-bin | ～86

CLOSE

FIG.5

95

```
<META HTTP-EQUIV=" Content-type" CONTENT=" text/html; char=x-sjis" >

<HTML>

<BODY>

AHP PROFILE V1. 0<BR>

FTP-SVR:ftp. aaa. com<BR>

FTP-ACC:abc123456<BR>

FTP-PASS:AAABBBCCC<BR>

HOMEDIR:public<BR>

CGIDIR:cgi-bin<BR>

HOMEURL:http://www. aaa. com/abc123456/<BR>

CGIURL:http://www. aaa. com/abc123456/cgi-bin/<BR>

PERLPATH:/usr/bin/perl<BR>

</BODY>

</HTML>
```
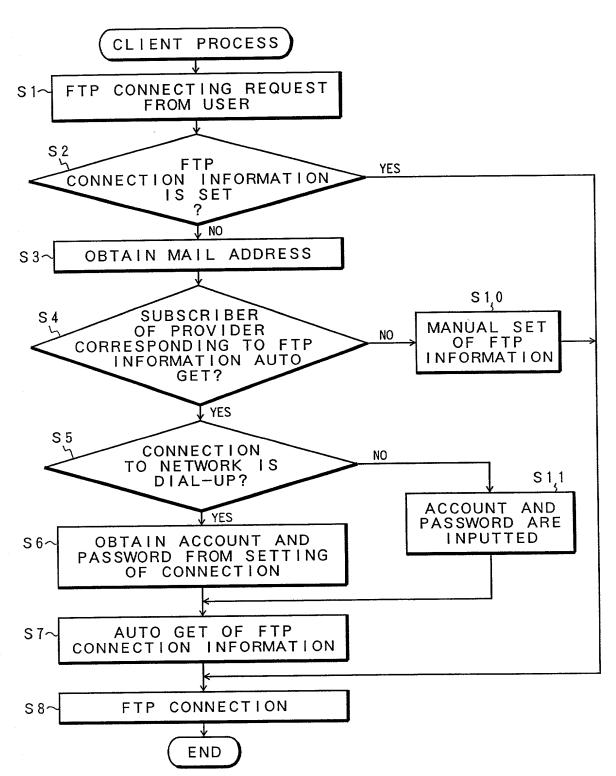
F I G. 6

```
        ( CLIENT PROCESS )
                │
                ▼
S1~  ┌──────────────────────────┐
     │ FTP CONNECTING REQUEST   │
     │      FROM USER           │
     └──────────────────────────┘
                │
                ▼
S2        ╱────────────╲                    YES
       ╱   FTP          ╲ ──────────────────────────┐
      ╱ CONNECTION INFORMATION ╲                     │
       ╲   IS SET    ╱                               │
         ╲    ?    ╱                                 │
           ╲────╱                                    │
             │ NO                                    │
             ▼                                       │
S3~  ┌──────────────────────────┐                    │
     │  OBTAIN MAIL ADDRESS     │                    │
     └──────────────────────────┘                    │
             │                                        │
             ▼                         S10            │
S4     ╱────────────╲          ┌──────────────────┐  │
     ╱  SUBSCRIBER    ╲   NO   │  MANUAL SET      │  │
    ╱  OF PROVIDER     ╲──────▶│    OF  FTP       │──┤
   ╱ CORRESPONDING TO FTP╲     │  INFORMATION     │  │
    ╲ INFORMATION AUTO   ╱     └──────────────────┘  │
     ╲    GET?         ╱                              │
       ╲────────────╱                                 │
             │ YES                                    │
             ▼                                        │
S5     ╱────────────╲            NO                   │
     ╱  CONNECTION    ╲───────────────┐              │
    ╱  TO NETWORK IS   ╲              │              │
     ╲  DIAL-UP?      ╱               │   S11        │
       ╲────────────╱                 ▼              │
             │ YES            ┌──────────────────┐   │
             ▼                │ ACCOUNT  AND     │   │
S6~  ┌──────────────────────┐ │ PASSWORD ARE     │   │
     │ OBTAIN ACCOUNT AND   │ │   INPUTTED       │   │
     │ PASSWORD FROM SETTING│ └──────────────────┘   │
     │   OF CONNECTION      │         │              │
     └──────────────────────┘         │              │
             │                         │              │
             ▼◀────────────────────────┘              │
S7~  ┌──────────────────────────┐                     │
     │  AUTO GET OF FTP         │                     │
     │ CONNECTION INFORMATION   │                     │
     └──────────────────────────┘                     │
             │                                         │
             ▼◀────────────────────────────────────────┘
S8~  ┌──────────────────────────┐
     │    FTP CONNECTION        │
     └──────────────────────────┘
             │
             ▼
           ( END )
```

F I G. 7

SERVER PROCESS

S1～ RECEIVE OBTAINING
REQUEST OF INFORMATION

S2～ RECEIVE USER ID AND
PASSWORD

S3 USER OF
DESIGNATED USER ID
EXISTS? ──NO──> S8 TRANSMIT ERROR

│YES

S4 PASSWORD COINCIDES
? ──NO──> S9 TRANSMIT ERROR

│YES

S5 HOMEPAGE
IS ESTABLISHED
? ──YES──>

│NO

S6～ ESTABLISH HOMEPAGE

S7～ TRANSMIT INFORMATION

END